WEST VERMONT STREET SITE SPEEDWAY, INDIANA DATA VALIDATION REPORT

Date: September 29, 2010

Laboratory: Microseeps, Pittsburgh, Pennsylvania

Laboratory Job #: P1007104

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®),

Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.0976.00/S05-0001-1003-018

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation of 14 water samples collected for the West Vermont Street Site that was analyzed for the following analytical parameters and methods.

- Volatile Organic Compounds (VOC) by U.S. Environmental Protection Agency (U.S. EPA) SW-846 Method 8260B
- Ethene by Microseeps Method AM20GAX
- Volatile Fatty Acids by Microseeps Method AM23G

A Level II data package was requested from Microseeps. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The attachment contains the results summary data sheets with any hand-written qualifiers applied during data validation.

VOCs BY U.S. EPA SW-846 METHOD 8260B

1. <u>Samples</u>

The following table summarizes the samples for which this data validation is being conducted.

			Date	Date	
Samples	Lab ID	Matrix	Collected	Analyzed	Comments
VSC-901Grande-MW1-070710	P1007104-01	Water	7/7/2010	7/14/2010 -	
				7/15/2010	
VSC-HoltSE-MW2-070710	P1007104-02	Water	7/7/2010	7/14/2010 -	
				7/15/2010	
VSC-101Michigan-MW3-070710	P1007104-03	Water	7/7/2010	7/14/2010 -	
				7/15/2010	
VSC-3815WMichigan-MW4-	P1007104-04	Water	7/7/2010	7/14/2010 -	
070710				7/15/2010	
VSC-3815WMichigan-MWD-	P1007104-05	Water	7/7/2010	7/14/2010 -	Field Duplicate Sample
070710				7/15/2010	
VSC-3815WMichigan-MWMS-	P1007104-06	Water	7/7/2010	7/14/2010	Matrix Spike Sample
070710					-
VSC-3815WMichigan-MWMSD-	P1007104-07	Water	7/7/2010	7/14/2010	Matrix Spike Duplcate
070710					Sample
VSC-4012Cossell-RW1-070710	P1007104-08	Water	7/7/2010	7/14/2010 -	
				7/15/2010	
VSC-4044WVermont-RW2-070710	P1007104-09	Water	7/7/2010	7/14/2010	
VSC-4140WVermont-RW3-070710	P1007104-10	Water	7/7/2010	7/14/2010	
VSC-4018WVermont-RW4-070710	P1007104-11	Water	7/7/2010	7/14/2010	
VSC-4018WVermont-RWD-070710	P1007104-12	Water	7/7/2010	7/14/2010	Field Duplicate Sample
VSC-4042WVermont-RW5-070710	P1007104-13	Water	7/7/2010	7/14/2010	
VSC-4031Cossell-RW6-070710	P1007104-14	Water	7/7/2010	7/14/2010	

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

A method blank was analyzed with the VOC analysis and was free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

Microseeps analyzed an MS and MSD using sample VSC-3815WMichigan-MW4-070710 for the spike. The percent recoveries and relative percent differences (RPDs) were within the laboratory-established QC limits with a few very minor exceptions that did not warrant sample qualification because the compounds were not detected in the samples.

6. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory-established QC limits except for as follows. A few compounds were detected slightly high and above the QC limits. Because these compounds were not detected in the samples, no qualifications were required.

7. Field Duplicate Results

Sample VSC-3815WMichigan-MWD-070710 is a duplicate of sample VSC-3815WMichigan-MW4-070710 and sample VSC-4018WVermont-RWD-070710 is a field duplicate of sample VSC-4018WVermont-RW4-070710. Both the field duplicate and parent sample were non-detect for most target VOCs. RPD values were calculated for the detected VOC compounds and these ranged from 0 to 24 percent which indicates good correlation between the two the samples and acceptable field precision.

8. Overall Assessment

Several results were detected below the reporting limit and flagged "J" by the laboratory. These flags are accepted and these results should be considered estimated.

The VOC data are acceptable for use as qualified based on the information received.

ETHENE BY MICROSEEPS METHOD AMG20GAX

1. <u>Samples</u>

The following table summarizes the samples for which this data validation is being conducted.

			Date	Date	
Samples	Lab ID	Matrix	Collected	Analyzed	Comments
VSC-901Grande-MW1-070710	P1007104-01	Water	7/7/2010	7/20/2010	
VSC-HoltSE-MW2-070710	P1007104-02	Water	7/7/2010	7/20/2010	
VSC-101Michigan-MW3-070710	P1007104-03	Water	7/7/2010	7/20/2010	
VSC-3815WMichigan-MW4-	P1007104-04	Water	7/7/2010	7/20/2010	
070710					
VSC-3815WMichigan-MWD-	P1007104-05	Water	7/7/2010	7/20/2010	Field Duplicate Sample
070710					
VSC-3815WMichigan-MWMS-	P1007104-06	Water	7/7/2010	7/20/2010	Matrix Spike Sample
070710					
VSC-3815WMichigan-MWMSD-	P1007104-07	Water	7/7/2010	7/20/2010	Matrix Spike Duplcate
070710					Sample
VSC-4012Cossell-RW1-070710	P1007104-08	Water	7/7/2010	7/20/2010	
VSC-4044WVermont-RW2-070710	P1007104-09	Water	7/7/2010	7/20/2010	
VSC-4140WVermont-RW3-070710	P1007104-10	Water	7/7/2010	7/20/2010	
VSC-4018WVermont-RW4-070710	P1007104-11	Water	7/7/2010	7/20/2010	
VSC-4018WVermont-RWD-070710	P1007104-12	Water	7/7/2010	7/20/2010	Field Duplicate Sample
VSC-4042WVermont-RW5-070710	P1007104-13	Water	7/7/2010	7/20/2010	
VSC-4031Cossell-RW6-070710	P1007104-14	Water	7/7/2010	7/20/2010	

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

A method blank was analyzed with the ethene analysis and was free of target compound contamination above the reporting limit.

4. MS and MSD Results

Microseeps analyzed an MS and MSD using sample VSC-3815WMichigan-MW4-070710 for the spike. The RPD was within the laboratory-established QC limits. The percent recoveries for the MS and MSD were very high; however, the spike amount was

much lower than the ethane concentration in the sample (approximately 40 times lower). No qualifications are warranted in this instance.

5. <u>LCS Results</u>

The LCS and LCS duplicate (LCSD) recoveries and RPDs were within laboratory-established QC limits.

6. <u>Field Duplicate Results</u>

Sample VSC-3815WMichigan-MWD-070710 is a duplicate of sample VSC-3815WMichigan-MW4-070710 and sample VSC-4018WVermont-RWD-070710 is a field duplicate of sample VSC-4018WVermont-RW4-070710. RPD values were calculated and ranged from 5 to 7 percent which indicates good correlation between the two the samples and acceptable field precision.

7. Overall Assessment

The ethane data are acceptable for use based on the information received.

VOLATILE FATTY ACIDS BY MICROSEEPS METHOD AM23G

1. <u>Samples</u>

The following table summarizes the samples for which this data validation is being conducted.

			Date	Date	
Samples	Lab ID	Matrix	Collected	Analyzed	Comments
VSC-901Grande-MW1-070710	P1007104-01	Water	7/7/2010	7/20/2010	
VSC-HoltSE-MW2-070710	P1007104-02	Water	7/7/2010	7/19/2010	
VSC-101Michigan-MW3-070710	P1007104-03	Water	7/7/2010	7/19/2010	
VSC-3815WMichigan-MW4-	P1007104-04	Water	7/7/2010	7/19/2010	
070710					
VSC-3815WMichigan-MWD-	P1007104-05	Water	7/7/2010	7/19/2010	Field Duplicate Sample
070710					
VSC-3815WMichigan-MWMS-	P1007104-06	Water	7/7/2010	7/19/2010	Matrix Spike Sample
070710					
VSC-3815WMichigan-MWMSD-	P1007104-07	Water	7/7/2010	7/19/2010	Matrix Spike Duplcate
070710					Sample
VSC-4012Cossell-RW1-070710	P1007104-08	Water	7/7/2010	7/20/2010	
VSC-4044WVermont-RW2-070710	P1007104-09	Water	7/7/2010	7/20/2010	
VSC-4140WVermont-RW3-070710	P1007104-10	Water	7/7/2010	7/20/2010	
VSC-4018WVermont-RW4-070710	P1007104-11	Water	7/7/2010	7/20/2010	
VSC-4018WVermont-RWD-070710	P1007104-12	Water	7/7/2010	7/20/2010	Field Duplicate Sample
VSC-4042WVermont-RW5-070710	P1007104-13	Water	7/7/2010	7/20/2010	
VSC-4031Cossell-RW6-070710	P1007104-14	Water	7/7/2010	7/20/2010	

2. <u>Holding Times</u>

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

A method blank was analyzed with the volatile fatty acid analysis and was free of target compound contamination above the reporting limit.

4. MS and MSD Results

Microseeps analyzed an MS and MSD using sample VSC-3815WMichigan-MW4-070710 for the spike. The percent recoveries and RPDs were within the laboratory-established QC limits.

5. <u>LCS Results</u>

The LCS recoveries were within laboratory-established QC limits.

6. Field Duplicate Results

Sample VSC-3815WMichigan-MWD-070710 is a duplicate of sample VSC-3815WMichigan-MW4-070710 and sample VSC-4018WVermont-RWD-070710 is a field duplicate of sample VSC-4018WVermont-RW4-070710. Both the field duplicate and parent sample were non-detect for most target volatile fatty acids. The only detected compound was acetic acid and this gave similar results in both the duplicate and parent sample which indicates acceptable field precision.

7. Overall Assessment

Several results were detected below the reporting limit and flagged "J" by the laboratory. These flags are accepted and these results should be considered estimated.

The volatile fatty acid data are acceptable for use as qualified based on the information received.

ATTACHMENT

MICROSEEPS RESULTS SUMMARY

Contact: Lisa Graczyk Dynamac Corporation

Address: 20 North Wacker Drive

Suite 1210

Chicago, IL 60606-2901

Page: Page 3 of 30 Lab Proj #: P1007104 Report Date: 07/21/10

Client Proj Name: West Vermont St

Sample Description 901GRANDE-MW1-070710	<u>Mat</u> Wat		<u>Lab Sample #</u> P1007104-01			mpled Date/Time 7 Jul. 10 11:20	<u>Received</u> 09 Jul. 10 10:5	55
Analyte(s)	Flag	Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles			_					
N 1,1,1,2-Tetrachioroethane	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
N 1,1,1-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 1,1,2,2-Tetrachloroethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,1,2-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 1,1-Dichloroethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,1-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,1-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N 1,2,3-Trichlorobenzene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N 1,2,3-Trichloropropane	UM	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N 1,2,4-Trichlorobenzene	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	CS
N 1,2,4-Trimethylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,2-Dibromo-3-chloropropane	U	< 20.0	20	0	ug/L	8260B	7/14/10	CS
N 1,2-Dibromoethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,2-Dichlorobenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,2-Dichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 1,2-Dichloropropane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N 1,3,5-Trimethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N 1,3-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 1,3-Dichloropropane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,4-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 2,2-Dichloropropane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 2-Butanone	U	< 10.0	10	1.1	ug/L	8260B	7/14/10	CS
N 2-Chlorotoluene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 2-Hexanone	U	< 10.0	10	0.7	ug/L	8260B	7/14/10	cs
N 4-Chlorotoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Acetone	U	< 10.0	10	1.4	ug/L	8260B	7/14/10	cs
N Benzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N Bromobenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Bromochloromethane	U	< 5.0	5	0.2	ug/L	8260B .	7/14/10	CS
N Bromodichloromethane	U	< 5.0	5	0.2	ug/L	8260B	7/1 4 /10	CS
N Bromoform	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N Bromomethane	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	CS
N Carbon Disulfide	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N Carbon tetrachloride	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Chlorobenzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
N Chloroethane	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N Chloroform	J	0.7	5	0.2	ug/L	8260B	7/14/10	CS
N Chloromethane	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	CS
N cis-1,2-Dichloroethene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N cis-1,3-Dichloropropene	υ	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Dibromochloromethane		< 5.0	5	0.3	ug/L	8260B	7/14/10	ÇS
N Dibromomethane		< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Dichlorodifluoromethane		< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N Ethylbenzene		< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Hexachlorobutadiene		< 10.0	10	0.4	ug/L	8260B	7/14/10	CS
N Isopropylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs

Contact: Lisa Graczyk Dynamac Corporation

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Page: Page 4 of 30 Lab Proj #: P1007104 Report Date: 07/21/10

Client Proj Name: West Vermont St

Sample Description 901GRANDE-MW1-070710		<u>atrix</u> ater		mple # 104-01		mpled Date/Time 7 Jul. 10 11:20	<u>Received</u> 09 Jul. 10 10:5	i5
Analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles								
N m & p-Xylene	U	< 10.0	10	0.3	ug/L	8260B	7/14/10	CS
N Methylene Chloride	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Methyl-t-butyl ether	U	< 5.0	5	0.2	ug/L	8260B	7/1 4/ 10	CS
N Naphthalene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N n-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N n-Propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N o-Xylene	U	< 5.0	_, 5	0.2	ug/L	8260B	7/14/10	CS
N p-Isopropyltoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N sec-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Styrene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N tert-Butylbenzene	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	CS
N Tetrachloroethene	U	< 5.0	5.0	0.4	ug/L	8260B	7/15/10	cs
N Toluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N trans-1,2-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N trans-1,3-Dichloropropene	U	< 5.0	5	0.3	ug/L	8260B	7/1 4 /10	CS
N Trichloroethene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Trichlorofluoromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Vinyl Chloride	Ŭ	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
<u>RiskAnalysis</u>					_			
N Ethene	M	0.085	0.025	0.008	ug/L	AM20GAX	7/20/10	rw
<u>SemiVolatiles</u>								
N Acetic Acid	J	0.032	0.070	0.006	mg/L	AM23G	7/20/10	kb
N Butyric Acid	U	< 0.050	0.050	0.004	mg/L	AM23G	7/20/10	kb
N Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Pentanoic Acid	Ü	< 0.150	0.150	0.044	mg/L	AM23G	7/20/10	kb
N Lactic Acid	U	< 0.100	0.100	0.010	mg/L	AM23G	7/20/10	kb
N Pentanoic Acid	U	< 0.070	0.070	0.012	mg/L	AM23G	7/20/10	kb
N Propionic Acid	U	< 0.050	0.050	0.007	mg/L	AM23G	7/20/10	kb
N Pyruvic Acid	U	< 0.150	0.150	0.033	mg/L	AM23G	7/20/10	kb

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Page: Page 5 of 30 Lab Proj #: P1007104 Report Date: 07/21/10

Client Proj Name: West Vermont St

Sample Description HOLTSE-MW2-070710		<u>itrix</u> ater		<u>Lab Sample #</u> P1007104-02		ampled Date/Time 07 Jul. 10 13:20	<u>Received</u> 09 Jul. 10 10:5	5
Analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles							······································	
N 1,1,1,2-Tetrachloroethane	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
N 1,1,1-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 1,1,2,2-Tetrachloroethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,1,2-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/1 4/ 10	cs
N 1,1-Dichloroethane	Ų	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,1-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,1-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,2,3-Trichlorobenzene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N 1,2,3-Trichloropropane	UM	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N 1,2,4-Trichlorobenzene	Ŭ	< 5.0	5	0.6	ug/L	8260B	7/14/10	CS
N 1,2,4-Trimethylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,2-Dibromo-3-chloropropane	U	< 20.0	20	0	ug/L	8260B	7/14/10	cs
N 1,2-Dibromoethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,2-Dichlorobenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,2-Dichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,2-Dichloropropane	Ų	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,3,5-Trimethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,3-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,3-Dichloropropane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,4-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 2,2-Dichloropropane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 2-Butanone	IJ	< 10.0	10	1.1	ug/L	8260B	7/14/10	CS
N 2-Chlorotoluene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 2-Hexanone	U	< 10.0	10	0.7	ug/L	8260B	7/14/10	cs
N 4-Chlorotoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Acetone	υ	< 10.0	10	1.4	ug/L	8260B	7/14/10	cs
N Benzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N Bromobenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Bromochloromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Bromodichloromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Bromoform	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N Bromomethane	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N Carbon Disulfide	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N Carbon tetrachloride	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Chlorobenzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N Chloroethane	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N Chloroform	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Chloromethane	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	cs
N cis-1,2-Dichloroethene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N cis-1,3-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Dibromochloromethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Dibromomethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Dichlorodifluoromethane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N Ethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Hexachlorobutadiene	U	< 10.0	10	0.4	ug/L	8260B	7/14/10	CS
N Isopropylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
					-			

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Client Proj Name: West Vermont St

Sample Description HOLTSE-MW2-070710		<u>atrix</u> ater		<u>mple #</u> 104-02		mpled Date/Time 7 Jul. 10 13:20	<u>Received</u> 09 Jul. 10 10:5	i5
Analyte(s)	Fla	ng Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles								
N m & p-Xylene	U	< 10.0	10	0.3	ug/L	8260B	7/14/10	CS
N Methylene Chloride	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Methyl-t-butyl ether	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Naphthalene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N n-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N n-Propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N o-Xylene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N p-lsopropyltoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N sec-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Styrene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N tert-Butylbenzene	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N Tetrachloroethene	U	< 5.0	5.0	0.4	ug/L	8260B	7/15/10	cs
N Toluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N trans-1,2-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N trans-1,3-Dichloropropene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Trichloroethene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Trichlorofluoromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Vinyl Chloride		160.0	5	0.5	ug/L	8260B	7/14/10	CS
RiskAnalysis								
N Ethene	М	0.390	0.025	0.008	ug/L	AM20GAX	7/20/10	rw
<u>SemiVolatiles</u>								
N Acetic Acid	J	0.027	0.070	0.006	mg/L	AM23G	7/19/10	kb
N Butyric Acid	Ü	< 0.050	0.050	0.004	mg/L	AM23G	7/19/10	kb
N Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/19/10	kb
N i-Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/19/10	kb
N i-Pentanoic Acid	U	< 0.150	0.150	0.044	mg/L	AM23G	7/19/10	kb
N Lactic Acid	J	0.014	0.100	0.010	mg/L	AM23G	7/19/10	kb
N Pentanoic Acid	U	< 0.070	0.070	0.012	mg/L	AM23G	7/19/10	kb
N Propionic Acid	U	< 0.050	0.050	0.007	mg/L:	AM23G	7/19/10	kb
N Pyruvic Acid	υ	< 0.150	0.150	0.033	mg/L	AM23G	7/19/10	kb
•			×.				,	

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Page: Page 7 of 30 Lab Proj #: P1007104 Report Date: 07/21/10

Client Proj Name: West Vermont St

	Sample Description		<u>trix</u>	<u>Lab Sample #</u> P1007104-03				Received	
_	01MICHIGAN-MW3-070710		ater				7 Jul. 10 15:15	09 Jul. 10 10:5	
_	analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
	<u>olatiles</u> 1,1,1,2-Tetrachloroethane	U	< 5.0	5	0.1	ug/L	8260B	7/14/40	
N		U	< 5.0	5	0.1	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N		Ü	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N		U	< 5.0	5	0.3	ug/L ug/L	8260B		cs
N		υ	< 5.0	5	0.4	ug/L ug/L	8260B 8260B	7/14/10 7/14/10	cs
N		U	< 5.0	5	0.2	ug/L ug/L	8260B 8260B	7/14/10 7/14/10	CS
N		U	< 5.0	5	0.3	ug/L ug/L	8260B	7/14/10	CS
N		U	< 5.0	5	0.5	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N		UM	< 5.0	5	0.5	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N		U	< 5.0	5	0.6	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N		U	< 5.0	5	0.3	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N		U	< 20.0	20	0.3	ug/L ug/L	8260B 8260B	7/14/10 7/14/10	CS
N		Ü	< 5.0	5	0.3	ug/L ug/L	8260B 8260B	7/14/10 7/14/10	CS
N		Ü	< 5.0	5	0.3	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N		U	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10	CS
N		Ü	< 5.0	5	0.4	ug/∟ ug/L	8260B 8260B	7/14/10 7/14/10	CS
N		Ü	< 5.0	5	0.2	ug/L ug/L	8260B	7/14/10 7/14/10	CS
	1,3-Dichlorobenzene	U	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N		ŭ	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N		Ü	< 5.0	5	0.3	ug/L ug/L	8260B 8260B	7/14/10 7/14/10	CS
N		UM	< 5.0	5	0.4	-	8260B		CS
N		U	< 10.0	10	1.1	ug/L	8260B	7/14/10 7/14/10	CS
N		U	< 5.0	5	0.3	ug/L ug/L	8260B		CS
N		Ü	< 10.0	10	0.3	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N		Ü	< 5.0	5	0.7	ug/L ug/L	8260B	7/14/10	CS
N		Ü	< 10.0	10	1.4	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N	_	Ü	< 5.0	5	0.1	ug/∟ ug/L	8260B 8260B	7/14/10 7/14/10	CS
N		Ü	< 5.0	5	0.1	ug/∟ ug/L	8260B	7/14/10	CS
N		Ü	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N		U	< 5.0	5	0.2	ug/L ug/L	8260B	7/14/10	CS
N		Ü	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10	CS
N		Ŭ	< 5.0	5	1.3	ug/L ug/L	8260B	7/14/10	CS
N	Carbon Disulfide	Ü	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10	CS
N	Carbon tetrachloride	U	< 5.0	5	0.2	ug/L ug/L	8260B	7/14/10	CS
N	Chlorobenzene	Ü	< 5.0	5	0.1	ug/L ug/L	8260B	7/14/10	CS
N	- · ·	Ü	< 5.0	5	0.5	ug/L ug/L	8260B	7/14/10	CS
N		Ŭ	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs cs
N		Ŭ	< 5.0	5	0.6	ug/L	8260B	7/14/10	CS
N		•	140.0	5	0.2	ug/L ug/L	8260B	7/14/10	CS
N		U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N		Ü	< 5.0	5	0.3	ug/L	8260B	7/1 4 /10	CS
N	=	Ü	< 5.0	5	0.3	ug/L	8260B	7/14/10	
N		UM	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10	CS
N	the second secon	U	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10	cs cs
N		Ü	< 10.0	10	0.4	ug/L ug/L	8260B	7/14/10	
N		Ü	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10	cs cs
• •		0	. 0.0	J	U. <u>L</u>	ug-	J200D	7717710	G

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Client Proj Name: West Vermont St

Sample Description 101MICHIGAN-MW3-070710		<u>atrix</u> ater		<u>mple #</u> 104-03		mpled Date/Time 7 Jul. 10 15:15	<u>Received</u> 09 Jul. 10 10:5	i 5
Analyte(s)	Fla	ng Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles								
N m & p-Xylene	υ	< 10.0	10	0.3	ug/L	8260B	7/14/10	cs
N Methylene Chloride	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Methyl-t-butyl ether	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Naphthalene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N n-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N n-Propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	· cs
N o-Xylene	U	< 5.0	·5	0.2	ug/L	8260B	7/14/10	cs
N p-lsopropyltoluene	U	< 5.0	5	0.2	ug/L	8260B	7/1 4/ 10	cs
N sec-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Styrene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N tert-Butylbenzene	Ų	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N Tetrachloroethene	U	< 5.0	5.0	0.4	ug/L	8260B	7/15/10	cs
N Toluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N trans-1,2-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N trans-1,3-Dichloropropene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Trichloroethene	U	< 5.0	5	0.2	ug/L	8260B	7/1 4/ 10	cs
N Trichlorofluoromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Vinyl Chloride		190.0	5	0.5	ug/L	8260B	7/14/10	CS
<u>RiskAnalysis</u>					J			-
N Ethene	М	7.900	0.025	0.008	ug/L	AM20GAX	7/20/10	rw
<u>SemiVolatiles</u>					•			
N Acetic Acid	J	0.031	0.070	0.006	mg/L	AM23G	7/19/10	kb
N Butyric Acid	U	< 0.050	0.050	0.004	mg/L	AM23G	7/19/10	kb
N Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/19/10	kb
N i-Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/19/10	kb
N i-Pentanoic Acid	U	< 0.150	0.150	0.044	mg/L	AM23G	7/19/10	kb
N Lactic Acid	U	< 0.100	0.100	0.010	mg/L	AM23G	7/19/10	kb
N Pentanoic Acid	U	< 0.070	0.070	0.012	mg/L	AM23G	7/19/10	kb
N Propionic Acid	U	< 0.050	0.050	0.007	mg/L	AM23G	7/19/10	kb
N Pyruvic Acid	U	< 0.150	0.150	0.033	mg/L	AM23G	7/19/10	kb

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Page: Page 9 of 30 Lab Proj #: P1007104 Report Date: 07/21/10

Client Proj Name: West Vermont St

	nple Description 5WMICHIGAN-MW4-070710	•	<u>trix</u> ater		P1007104-04 07		mpled Date/Time	<u>Received</u> 09 Jul. 10 10:55	
							7 Jul. 10 16:55		
-	llyte(s) Itiles	Fia	g Result	PQL	MIDL	Units	Method #	Analysis Date	Ву
	,1,1,2-Tetrachloroethane	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
	,1,1-Trichloroethane	Ū	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
	,1,2,2-Tetrachloroethane	Ū	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
	,1,2-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
	,1-Dichloroethane	Ų	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
	,1-Dichloroethene	Ų	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
	,1-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
	,2,3-Trichlorobenzene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
	,2,3-Trichloropropane	UM	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
	,2,4-Trichlorobenzene	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	CS
N 1,	,2,4-Trimethylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,	,2-Dibromo-3-chloropropane	U	< 20.0	20	0	ug/L	8260B	7/14/10	cs
	,2-Dibromoethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,	,2-Dichlorobenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,	,2-Dichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 1,	,2-Dichloropropane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
	,3,5-Trimethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
	,3-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
	,3-Dichloropropane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
	,4-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 2,	,2-Dichloropropane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
	-Butanone	U	< 10.0	10	1.1	ug/L	8260B	7/14/10	CS
N 2-	-Chlorotoluene	υ	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 2-	-Hexanone	U	< 10.0	10	0.7	ug/L	8260B	7/14/10	cs
N 4-	-Chlorotoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
	cetone	U	< 10.0	10	1.4	ug/L	8260B	7/14/10	cs
N B	enzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N B	romobenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N B	romochloromethane	U	< 5.0	- 5	0.2	ug/L	8260B	7/14/10	cs
N Bi	romodichloromethane	U	< 5.0	5 ·	0.2	ug/L	8260B	7/14/10	cs
N Bi	romoform	υ	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N Bi	romomethane	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N C	arbon Disulfide	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N C	arbon tetrachloride	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N C	hlorobenzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N C	hloroethane	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N C	hioroform	U	< 5.0	5	0.2	ug/L	8260B	7/1 4/ 10	cs
N C	hloromethane	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	cs
N ci	s-1,2-Dichloroethene		1900.0	500.0	19.0	ug/L	8260B	7/15/10	cs
N ci	s-1,3-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Di	ibromochloromethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Di	ibromomethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Di	ichlorodifluoromethane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N Et	thylbenzene	Ü	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N He	exachlorobutadiene	U	< 10.0	10	0.4	ug/L	8260B	7/14/10	cs
N Is	opropylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
						=			

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Client Proj Name: West Vermont St

Sample Description 3815WMICHIGAN-MW4-070710		<u>atrix</u> ater		<u>mple #</u> 104-04		npled Date/Time 7 Jul. 10 16:55	<u>Received</u> 09 Jul. 10 10:5	55
Analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles					_			
N m & p-Xylene	U	< 10.0	10	0.3	ug/L	8260B	7/14/10	CS
N Methylene Chloride	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Methyl-t-butyl ether	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Naphthalene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N n-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N n-Propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N o-Xylene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N p-Isopropyltoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N sec-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Styrene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N tert-Butylbenzene	υ	< 5.0	5	1.3	ug/L	8260B	7/1 4 /10	cs
N Tetrachloroethene	U	< 5.0	5.0	0.4	ug/L	8260B	7/15/10	cs
N Toluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N trans-1,2-Dichloroethene	J	2.2	5	0.3	ug/L	8260B	7/14/10	cs
N trans-1,3-Dichloropropene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Trichloroethene	J	0.7	5	0.2	ug/L	8260B	7/14/10	cs
N Trichlorofluoromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Vinyl Chloride		3700.0	500.0	47.0	ug/L	8260B	7/15/10	cs
<u>RiskAnalysis</u>					_			
N Ethene	M	1500.000	0.025	0.008	ug/L	AM20GAX	7/20/10	rw
<u>SemiVolatiles</u>								
N Acetic Acid		1.600	0.070	0.006	mg/L	AM23G	7/19/10	kb
N Butyric Acid	U	< 0.050	0.050	0.004	mg/L	AM23G	7/19/10	kb
N Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/19/10	kb
N i-Hexanoic Acid	Ų	< 0.050	0.050	0.006	mg/L	AM23G	7/19/10	kb
N i-Pentanoic Acid	U	< 0.150	0.150	0.044	mg/L	AM23G	7/19/10	kb
N Lactic Acid	Ų	< 0.100	0.100	0.010	mg/L	AM23G	7/19/10	kb
N Pentanoic Acid	U	< 0.070	0.070	0.012	mg/L	AM23G	7/19/10	kb
N Propionic Acid	U	< 0.050	0.050	.0.007	mg/L	AM23G	7/19/10	kb
N Pyruvic Acid	U	< 0.150	0.150	0.033	mg/L	AM23G	7/19/10	kb
					•			

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Client Proj Name: West Vermont St

Sample Description 3815WMlCHIGAN-MWD-0707		<u>itrix</u> ater		<u>Lab Sample #</u> P1007104-05		mpled Date/Time 7 Jul. 10 16:55	<u>Received</u> 09 Jul. 10 10:55	
Analyte(s)		g Result	PQL	MDL.	Units	Method #	Analysis Date	By
Volatiles		91100411	. 4.	11124	Office	monou #	Allary 515 Date	<u></u>
N 1,1,1,2-Tetrachioroethane	υ	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N 1,1,1-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,1,2,2-Tetrachloroethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,1,2-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,1-Dichloroethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,1-Dichloroethene	υ	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,1-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N 1,2,3-Trichlorobenzene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N 1,2,3-Trichloropropane	UM	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N 1,2,4-Trichlorobenzene	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	cs
N 1,2,4-Trimethylbenzene	Ū	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,2-Dibromo-3-chloropropane	Ū	< 20.0	20	0	ug/L	8260B	7/14/10	cs
N 1,2-Dibromoethane	Ū	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,2-Dichlorobenzene	Ū	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,2-Dichloroethane	Ū	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,2-Dichloropropane	Ü	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N 1,3,5-Trimethylbenzene	Ū	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N 1,3-Dichlorobenzene	Ū	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 1,3-Dichloropropane	Ŭ	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,4-Dichlorobenzene	Ü	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 2,2-Dichloropropane	UM		5	0.4	ug/L	8260B	7/1 4 /10	CS
N 2-Butanone	υ υ	< 10.0	10	1.1	ug/L	8260B	7/14/10	CS
N 2-Chlorotoluene	Ŭ	< 5.0	5	0.3	ug/L	8260B	7/1 4 /10 7/14/10	CS
N 2-Hexanone	Ū	< 10.0	10	0.7	ug/L	8260B	7/14/10	CS
N 4-Chlorotoluene	ŭ	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Acetone	Ü	< 10.0	10	1.4	ug/L	8260B	7/1 4 /10 7/14/10	CS
N Benzene	Ü	< 5.0	5	0.1	ug/L	8260B	7/14/10 7/14/10	CS
N Bromobenzene	Ŭ	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Bromochloromethane	ŭ	< 5.0	5	0.2	ug/L	8260B	7/14/10 7/14/10	CS CS
N Bromodichloromethane	Ü	< 5.0	5	0.2	ug/L	8260B	7/14/10	
N Bromoform	Ü	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10	C\$
N Bromomethane	Ü	< 5.0	5	1.3	ug/L ug/L	8260B	7/14/10	CS CS
N Carbon Disulfide	Ũ	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10	
N Carbon tetrachloride	Ü	< 5.0	5	0.4	ug/∟ ug/L	8260B	7/14/10	CS
N Chlorobenzene	Ü	< 5.0	5	0.1	ug/L ug/L	8260B	7/14/10	CS
N Chloroethane	Ü	< 5.0	5	0.5	ug/L ug/L	8260B	7/14/10	CS
N Chloroform	Ü	< 5.0	5	0.2	ug/L ug/L	8260B	7/14/10	CS
N Chloromethane	Ű	< 5.0	5	0.6	ug/L ug/L	8260B	7/14/10	CS
N cis-1,2-Dichloroethene	, ,	2000.0	500.0	19.0	ug/L ug/L	8260B	7/14/10	CS
N cis-1,3-Dichloropropene	U	< 5.0	5	0.2	ug/L ug/L	8260B	7/14/10	CS
N Dibromochloromethane	Ü	< 5.0	5	0.2	ug/L ug/L	8260B	7/14/10	CS
N Dibromomethane	Ü	< 5.0	5	0.3	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N Dichlorodifluoromethane	UM	< 5.0	5	0.3	ug/L ug/L	8260B		CS
N Ethylbenzene	U	< 5.0	5 5	0.4	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N Hexachlorobutadiene	U	< 10.0	10	0.2	ug/L ug/L	8260B	7/14/10 7/14/10	C\$
N Isopropylbenzene	Ü	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10 7/14/10	CS
tooptopytoonizone	Ü	~ 0.0	J	0.2	ugrL	02000	111411U	CS

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Client Proj Name: West Vermont St

Sample Description 3815WMICHIGAN-MWD-070710		atrix ater	<u>Lab Sample #</u> P1007104-05			npled Date/Time 7 Jul. 10 16:55	<u>Received</u> 09 Jul. 10 10:55	
Analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles								
N m & p-Xylene	U	< 10.0	10	0.3	ug/L	8260B	7/14/10	cs
N Methylene Chloride	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Methyl-t-butyl ether	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Naphthalene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N n-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N n-Propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N o-Xylene	U	< 5.0	5	0.2	ug/L	8260B	7/1 4/ 10	CS
N p-Isopropyltoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N sec-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Styrene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N tert-Butylbenzene	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	CS
N Tetrachloroethene	U	< 5.0	5.0	0.4	ug/L	8260B	7/15/10	cs
N Toluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N trans-1,2-Dichloroethene	J	2.8	5	0.3	ug/L	8260B	7/14/10	CS
N trans-1,3-Dichloropropene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Trichloroethene	J	0.6	5	0.2	ug/L	8260B	7/14/10	cs
N Trichlorofluoromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Vinyl Chloride		3700.0	500.0	47.0	ug/L	8260B	7/15/10	CS
RiskAnalysis								
N Ethene	M	1600.000	0.025	0.008	ug/L	AM20GAX	7/20/10	rw
<u>SemiVolatiles</u>								
N Acetic Acid		1.600	0.070	0.006	mg/L	AM23G	7/19/10	kb
N Butyric Acid	U	< 0.050	0.050	0.004	mg/L	AM23G	7/19/10	kb
N Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/19/10	kb
N i-Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/19/10	kb
N i-Pentanoic Acid	U	< 0.150	0.150	0.044	mg/L	AM23G	7/19/10	kb
N Lactic Acid	U	< 0.100	0.100	0.010	mg/L	AM23G	7/19/10	kb
N Pentanoic Acid	U	< 0.070	0.070	0.012	mg/L	AM23G	7/19/10	kb
N Propionic Acid	U	< 0.050	0.050	0.007	mg/L	AM23G	7/19/10	kb
N Pyruvic Acid	U	< 0.150	0.150	0.033	mg/L	AM23G	7/19/10	kb
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Client Proj Name: West Vermont St

Sample Description		atrix	<u>Lab Sample #</u> P1007104-06			mpled Date/Time	Received		
3815WMICHIGAN-MWMS-070710		ater				7 Jul. 10 16:55	09 Jul. 10 10:5		
Analyte(s)	Fla	ag Result	PQL	MDL	Units	Method #	Analysis Date	Ву	
Volatiles		40.0	_	- 4					
N 1,1,1,2-Tetrachloroethane		46.0	5	0.1	ug/L	8260B	7/14/10	cs	
N 1,1,1-Trichloroethane		50.0	5	0.4	ug/L	8260B	7/14/10	CS	
N 1,1,2,2-Tetrachloroethane		45.0	5	0.3	ug/L	8260B	7/14/10	CS	
N 1,1,2-Trichloroethane		46.0	5	0.4	ug/L	8260B	7/14/10	CS	
N 1,1-Dichloroethane		50.0	5	0.2	ug/L	8260B	7/14/10	cs	
N 1,1-Dichloroethene		61.0	5	0.3	ug/L	8260B	7/14/10	CS	
N 1,1-Dichloropropene		52.0	5	0.2	ug/L	8260B	7/14/10	CS	
N 1,2,3-Trichlorobenzene		44.0	5	0.5	ug/L	8260B	7/14/10	CS	
N 1,2,3-Trichloropropane	М	48.0	5	0.5	ug/L	8260B	7/14/10	CS	
N 1,2,4-Trichlorobenzene		44.0	5	0.6	ug/L	8260B	7/1 4 /10	CS	
N · 1,2,4-Trimethylbenzene		49.0	5	0.3	ug/L	8260B	7/1 4 /10	CS	
N 1,2-Dibromo-3-chloropropane		44.0	20	0	ug/L	8260B	7/14/10	cs	
N 1,2-Dibromoethane		47.0	5	0.3	ug/L	8260B	7/14/10	cs	
N 1,2-Dichlorobenzene		46.0	5	0.3	ug/L	8260B	7/14/10	cs	
N 1,2-Dichloroethane		44.0	5	0.4	ug/L	8260B	7/14/10	CS	
N 1,2-Dichloropropane		49.0	5	0.2	ug/L	8260B	7/14/10	cs	
N 1,3,5-Trimethylbenzene		50.0	5	0.2	ug/L	8260B	7/14/10	CS	
N 1,3-Dichlorobenzene		46.0	5	0.4	ug/L	8260B	7/14/10	CS	
N 1,3-Dichloropropane		52.0	5	0.3	ug/L	8260B	7/14/10	cs	
N 1,4-Dichlorobenzene		44.0	5	0.4	ug/L	8260B	7/14/10	cs	
N 2,2-Dichloropropane	M	100.0	5	0.4	ug/L	8260B	7/14/10	cs	
N 2-Butanone		40.0	10	1.1	ug/L	8260B	7/14/10	cs	
N 2-Chlorotoluene		55.0	5	0.3	ug/L	8260B	7/14/10	cs	
N 2-Hexanone		40.0	10	0.7	ug/L	8260B	7/14/10	cs	
N 4-Chlorotoluene		42.0	5	0.2	ug/L	8260B	7/14/10	CS	
N Acetone		39.0	10	1.4	ug/L	8260B	7/14/10	cs	
N Benzene		50.0	5	0.1	ug/L	8260B	7/14/10	CS	
N Bromobenzene		47.0	5	0.3	ug/L	8260B	7/14/10	cs	
N Bromochloromethane		46.0	5	0.2	ug/L	8260B	7/14/10	CS	
N Bromodichloromethane		50.0	5	0.2	ug/L	8260B	7/14/10	cs	
N Bromoform		50.0	5	0.4	ug/L	8260B	7/14/10	CS	
N Bromomethane		38.0	5 .	1.3	ug/L	8260B	7/14/10	CS	
N Carbon Disulfide		46.0	5	0.4	ug/L	8260B	7/14/10	CS	
N Carbon tetrachloride		51.0	5	0.2	ug/L	8260B	7/14/10	CS	
N Chlorobenzene		47.0	5	0.1	ug/L	8260B	7/14/10	cs	
N Chloroethane		48.0	5	0.5	ug/L	8260B	7/14/10	cs	
N Chloroform		49.0	5	0.2	ug/L	8260B	7/14/10	cs	
N Chloromethane		48.0	5	0.6	ug/L	8260B	7/14/10	cs	
N cis-1,2-Dichloroethene		2300.0	5	0.2	ug/L	8260B	7/14/10	cs	
N cis-1,3-Dichloropropene		55.0	5	0.2	ug/L	8260B	7/14/10	CS	
N Dibromochloromethane		46.0	5	0.3	ug/L	8260B	7/14/10	CS	
N Dibromomethane		47.0	5	0.3	ug/L	8260B	7/14/10 7/14/10	CS	
N Dichlorodifluoromethane	М	69.0	5	0.4	ug/L	8260B	7/14/10	CS	
N Ethylbenzene	. • • •	50.0	5	0.2	ug/L ug/L	8260B	7/14/10		
N Hexachlorobutadiene		38.0	10	0.4	ug/L	8260B	7/14/10	C\$	
N Isopropylbenzene		51.0	5	0.2	ug/L ug/L	8260B	7/14/10	CS	
		51.0	J	٥.ح	ug/L	QZOOD	77 1 4 7 10	CS	

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Client Proj Name: West Vermont St

Sample Description 3815WMICHIGAN-MWMS-070710	<u>Matrix</u> Water		<u>Lab Sample #</u> P1007104-06		mpled <u>Date/Time</u> 7 Jul. 10 16:55	<u>Received</u> 09 Jul. 10 10:55	
Analyte(s)	Flag Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles							
N m & p-Xylene	97.0	10	0.3	ug/L	8260B	7/14/10	CS
N Methylene Chloride	52.0	5	0.3	ug/L	8260B	7/14/10	CS
N Methyl-t-butyl ether	47.0	5	0.2	ug/L	8260B	7/14/10	CS
N Naphthalene	39.0	5	0.5	ug/L	8260B	7/14/10	CS
N n-Butylbenzene	46.0	5	0.3	ug/L	8260B	7/14/10	cs
N n-Propylbenzene	49.0	5	0.2	ug/L	8260B	7/14/10	CS
N o-Xylene	53.0	5	0.2	ug/L	8260B	7/14/10	CS
N p-lsopropyltoluene	48.0	5	0.2	ug/L	8260B	7/14/10	CS
N sec-Butylbenzene	49.0	5	0.3	ug/L	8260B	7/14/10	CS
N Styrene	51.0	5	0.2	ug/L	8260B	7/14/10	CS
N tert-Butylbenzene	49.0	5	1.3	ug/L	8260B	7/14/10	CS
N Tetrachloroethene	49.0	5	0.4	ug/L	8260B	7/14/10	cs
N Toluene	51.0	5	0.2	ug/L	8260B	7/14/10	cs
N trans-1,2-Dichloroethene	64.0	5	0.3	ug/L	8260B	7/14/10	CS
N trans-1,3-Dichloropropene	46.0	5	0.3	ug/L	8260B	7/14/10	cs
N Trichloroethene	55.0	5	0.2	ug/L	8260B	7/14/10	cs
N Trichlorofluoromethane	47.0	5	0.2	ug/L	8260B	7/14/10	cs
N Vinyl Chloride	3300.0	5	0.5	ug/L	8260B	7/14/10	cs
RiskAnalysis				_			
N Ethene	M 1700.000	0.025	0.008	ug/L	AM20GAX	7/20/10	۲W
<u>SemiVolatiles</u>							
N Acetic Acid	3.400	0.070	0.006	mg/L	AM23G	7/19/10	kb
N Butyric Acid	2.100	0.050	0.004	mg/L	AM23G	7/19/10	kb
N Hexanoic Acid	1.900	0.050	0.006	mg/L	AM23G	7/19/10	kb
N i-Hexanoic Acid	1.900	0.050	0.006	mg/L	AM23G	7/19/10	kb
N i-Pentanoic Acid	1.900	0.150	0.044	mg/L	AM23G	7/19/10	kb
N Lactic Acid	2.000	0.100	0.010	mg/L	AM23G	7/19/10	kb
N Pentanoic Acid	1.900	0.070	0.012	mg/L	AM23G	7/19/10	kb
N Propionic Acid	2.100	0.050	0.007	mg/L	AM23G	7/19/10	kb
N Pyruvic Acid	2.000	0.150	0.033	mg/L	AM23G	7/19/10	kb

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Client Proj Name: West Vermont St

Sample Description 3815WMICHIGAN-MWMSD-070710		Matrix Lab Sample # P1007104-07			mpled Date/Time 7 Jul. 10 16:55	<u>Received</u> 09 Jul. 10 10:5	5	
Analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles								
N 1,1,1,2-Tetrachloroethane		45.0	5	0.1	ug/L	8260B	7/14/10	cs
N 1,1,1-Trichloroethane		50.0	5	0.4	ug/L	8260B	7/14/10	CS
N 1,1,2,2-Tetrachloroethane		44.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,1,2-Trichloroethane		45.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,1-Dichloroethane		49.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,1-Dichloroethene		61.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,1-Dichloropropene		51.0	5	0.2	ug/L	8260B	7/1 4 /10	cs
N 1,2,3-Trichlorobenzene		45.0	5	0.5	ug/L	8260B	7/1 4/ 10	cs
N 1,2,3-Trichloropropane	M	38.0	5	0.5	ug/L	8260B	7/14/10	cs
N 1,2,4-Trichlorobenzene		45.0	5	0.6	ug/L	8260B	7/14/10	CS
N 1,2,4-Trimethylbenzene		49.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,2-Dibromo-3-chloropropane		43.0	20	0	ug/L	8260B	7/14/10	cs
N 1,2-Dibromoethane		46.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,2-Dichlorobenzene		47.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,2-Dichloroethane		43.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,2-Dichloropropane		48.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,3,5-Trimethylbenzene		50.0	5	0.2	ug/L	8260B	7/14/10	CS
N 1,3-Dichlorobenzene		46.0	5	0.4	ug/L	8260B	7/14/10	CS
N 1,3-Dichloropropane		52.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,4-Dichlorobenzene		44.0	5	0.4	ug/L	8260B	7/14/10	cs
N 2,2-Dichloropropane	М	100.0	5	0.4	ug/L	8260B	7/14/10	CS
N 2-Butanone		38.0	10	1.1	ug/L	8260B	7/14/10	cs
N 2-Chlorotoluene		55.0	5	0.3	ug/L	8260B	7/14/10	cs
N 2-Hexanone		37.0	10	0.7	ug/L	8260B	7/14/10	CS
N 4-Chlorotoluene		42.0	5	0.2	ug/L	8260B	7/14/10	cs
N Acetone		37.0	10	1.4	ug/L	8260B	7/14/10	cs
N Benzene		49.0	5	0.1	ug/L	8260B	7/14/10	CS
N Bromobenzene		48.0	5	0.3	ug/L	8260B	7/14/10	cs
N Bromochloromethane		45.0	5	0.2	ug/L	8260B	7/14/10	cs
N Bromodichloromethane		50.0	5	0.2	ug/L	8260B	7/14/10	cs
N Bromoform		48.0	5	0.4	ug/L	8260B	7/14/10	cs
N Bromomethane		39.0	5	1.3	ug/L	8260B	7/14/10	cs
N Carbon Disulfide		46.0	5	0.4	ug/L	8260B	7/14/10	cs
N Carbon tetrachloride		49.0	5	0.2	ug/L	8260B	7/14/10	cs
N Chlorobenzene		46.0	5	0.1	ug/L	8260B	7/14/10	cs
N Chloroethane		51.0	5	0.5	ug/L	8260B	7/14/10	cs
N Chloroform		48.0	5	0.2	ug/L	8260B	7/14/10	cs
N Chloromethane		51.0	5	0.6	ug/L	8260B	7/14/10	cs
N cis-1,2-Dichloroethene		2200.0	5	0.2	ug/L	8260B	7/14/10	cs
N cis-1,3-Dichloropropene		55.0	5	0.2	ug/L	8260B	7/14/10	cs
N Dibromochloromethane		46.0	5	0.3	ug/L	8260B	7/14/10	cs
N Dibromomethane		46.0	5	0.3	ug/L	8260B	7/14/10	cs
N Dichlorodifluoromethane	M	70.0	5	0.4	ug/L	8260B	7/14/10	cs
N Ethylbenzene		49.0	5	0.2	ug/L	8260B	7/14/10	cs
N Hexachlorobutadiene		40.0	10	0.4	ug/L	8260B	7/14/10	cs
N isopropylbenzene		51.0	5	0.2	ug/L	8260B	7/14/10	cs
					-			

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Client Proj Name: West Vermont St

Sample Description 3815WMICHIGAN-MWMSD-070710	<u>Matrix</u> Water				mpled Date/Time 7 Jul. 10 16:55	<u>Received</u> 09 Jul. 10 10:55	
Analyte(s)	Flag Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles							
N m & p-Xylene	96.0	10	0.3	ug/L	8260B	7/14/10	cs
N Methylene Chloride	50.0	5	0.3	ug/L	8260B	7/14/10	CS
N Methyl-t-butyl ether	46.0	5	0.2	ug/L	8260B	7/1 4/ 10	CS
N Naphthalene	39.0	5	0.5	ug/L	8260B	7/14/10	CS
N n-Butylbenzene	47.0	5	0.3	ug/L	8260B	7/14/10	cs
N n-Propylbenzene	48.0	5	0.2	ug/L	8260B	7/14/10	cs
N o-Xylene	52.0	5	0.2	ug/L	8260B	7/14/10	cs
N p-lsopropyltoluene	49.0	5	0.2	ug/L	8260B	7/14/10	cs
N sec-Butylbenzene	49.0	5	0.3	ug/L	8260B	7/14/10	cs
N Styrene	50.0	5	0.2	ug/L	8260B	7/14/10	CS
N tert-Butylbenzene	50.0	5	1.3	ug/L	8260B	7/14/10	cs
N Tetrachloroethene	48.0	5	0.4	ug/L	8260B	7/14/10	cs
N Toluene	50.0	5	0.2	ug/L	8260B	7/14/10	CS
N trans-1,2-Dichloroethene	64.0	5	0.3	ug/L	8260B	7/14/10	cs
N trans-1,3-Dichloropropene	55.0	5	0.3	ug/L	8260B	7/14/10	cs
N Trichloroethene	55.0	5	0.2	ug/L	8260B	7/14/10	CS
N Trichlorofluoromethane	47.0	5	0.2	ug/L	8260B	7/14/10	cs
N Vinyl Chloride	3400.0	5	0.5	ug/L	8260B	7/14/10	CS
RiskAnalysis				Ü			
N Ethene	M 1800.000	0.025	0.008	ug/L	AM20GAX	7/20/10	rw
<u>SemiVolatiles</u>				J			
N Acetic Acid	3.400	0.070	0.006	mg/L	AM23G	7/19/10	kb
N Butyric Acid	2.000	0.050	0.004	mg/L	AM23G	7/19/10	kb
N Hexanoic Acid	1.900	0.050	0.006	mg/L	AM23G	7/19/10	kb
N i-Hexanoic Acid	2.000	0.050	0.006	mg/L	AM23G	7/19/10	kb
N i-Pentanoic Acid	1.900	0.150	0.044	mg/L	AM23G	7/19/10	kb
N Lactic Acid	2.000	0.100	0.010	mg/L	AM23G	7/19/10	kb
N Pentanoic Acid	1.900	0.070	0.012	mg/L	AM23G	7/19/10	kb
N Propionic Acid	2.000	0.050	0.007	mg/L	AM23G	7/19/10	kb
N Pyruvic Acid		0.150	0.033	.mg/L	AM23G	7/19/10	kb

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Client Proj Name: West Vermont St

Sample Description 4012COSELL-RW1-070710		<u>atrix</u> ater	<u>Lab Sample #</u> P1007104-08			mpled Date/Time 7 Jul. 10 9:30	<u>Received</u> 09 Jul. 10 10:5	5
Analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles								
N 1,1,1,2-Tetrachloroethane	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N 1,1,1-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,1,2,2-Tetrachloroethane	IJ	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,1,2-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 1,1-Dichloroethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N 1,1-Dichloroethene	υ	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,1-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,2,3-Trichlorobenzene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N 1,2,3-Trichloropropane	UM	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N 1,2,4-Trichlorobenzene	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	cs
N 1,2,4-Trimethylbenzene	Ū	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,2-Dibromo-3-chloropropane	Ū	< 20.0	20	0	ug/L	8260B	7/14/10	cs
N 1,2-Dibromoethane	Ū	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,2-Dichlorobenzene	Ū	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,2-Dichloroethane	Ü	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 1,2-Dichloropropane	Ü	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N 1,3,5-Trimethylbenzene	Ŭ	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N 1,3-Dichlorobenzene	Ü	< 5.0	5	0.4	ug/L	8260B	7/14/10 7/14/10	
N 1,3-Dichloropropane	Ü	< 5.0	5	0.3	ug/L ug/L	8260B	7/14/10	CS
N 1,4-Dichlorobenzene	Ü	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10	CS
N 2,2-Dichloropropane	UM		5	0.4	ug/L ug/L	8260B	7/14/10	CS
N 2-Butanone	U	< 10.0	10	1.1	ug/L ug/L	8260B	7/14/10	CS
N 2-Chlorotoluene	Ü	< 5.0	5	0.3	ug/L ug/L	8260B	7/14/10 7/14/10	CS
N 2-Hexanone	Ü	< 10.0	10	0.3	-	8260B		CS
N 4-Chlorotoluene	U	< 5.0	5	0.7	ug/L		7/14/10	cs
N Acetone	U	< 10.0		1.4	ug/L	8260B	7/14/10	CS
N Benzene	U	< 5.0	10 5	0.1	ug/L	8260B	7/14/10	CS
N Bromobenzene		< 5.0 < 5.0			ug/L	8260B	7/14/10	CS
N Bromochloromethane	U		5	0.3	ug/L	8260B	7/14/10	CS
	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Bromodichloromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Bromoform	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N Bromomethane	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	CS
N Carbon Disulfide	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N Carbon tetrachloride	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Chlorobenzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
N Chloroethane	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N Chloroform	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Chloromethane	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	CS
N cis-1,2-Dichloroethene	U	< 5.0	5.0	0.2	ug/L	8260B	7/15/10	CS
N cis-1,3-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Dibromochloromethane	U	< 5.0	5	0.3	ug/L	8260B	7/1 4 /10	CS
N Dibromomethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Dichlorodifluoromethane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N Ethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Hexachlorobutadiene	U	< 10.0	10	0.4	ug/L	8260B	7/14/10	CS
N Isopropylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS

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Client Proj Name: West Vermont St

Sample Description 4012COSELL-RW1-070710	<u>Matrix</u> Water			<u>Lab Sample #</u> P1007104-08		mpled Date/Time 7 Jul. 10 9:30	<u>Received</u> 09 Jul. 10 10:55	
Analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles								
N m & p-Xylene	U	< 10.0	10	0.3	ug/L	8260B	7/14/10	CS
N Methylene Chloride	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Methyl-t-butyl ether	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Naphthalene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N n-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N n-Propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N o-Xylene	Ų	< 5.0	5	0.2	ug/L	8260B	7/1 4 /10	CS
N p-Isopropyltoluene	U	< 5.0	5 .	0.2	ug/L	8260B	7/14/10	CS
N sec-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Styrene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N tert-Butylbenzene	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N Tetrachloroethene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N Toluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N trans-1,2-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N trans-1,3-Dichloropropene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Trichloroethene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Trichlorofluoromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Vinyl Chloride		13.0	5.0	0.5	ug/L	8260B	7/15/10	CS
RiskAnalysis					-			
N Ethene	M	0.044	0.025	0.008	ug/L	AM20GAX	7/20/10	rw
<u>SemiVolatiles</u>								
N Acetic Acid	J	0.050	0.070	0.006	mg/L	AM23G	7/20/10	kb
N Butyric Acid	U	< 0.050	0.050	0.004	mg/L	AM23G	7/20/10	kb
N Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Pentanoic Acid	U	< 0.150	0.150	0.044	mg/L	AM23G	7/20/10	kb
N Lactic Acid	U	< 0.100	0.100	0.010	mg/L	AM23G	7/20/10	kb
N Pentanoic Acid	U	< 0.070	0.070	0.012	mg/L	AM23G	7/20/10	kb
N Propionic Acid	U	< 0.050	0.050	0.007	mg/L	AM23G	7/20/10	kb
N Pyruvic Acid	U	< 0.150	0.150	0.033	mg/L	AM23G	7/20/10	kb
					-			

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Client Proj Name: West Vermont St

	<u>ple Description</u> WVERMONT-RW2-070710	<u>Matrix</u> Water		<u>Lab Sa</u> P1007			npled Date/Time 'Jul. 10 15:10	<u>Received</u> 09 Jul. 10 10:5	5
Anai	yte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volat									
	,1,2-Tetrachloroethane	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
	,1-Trichloroethane	Ų	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
	,2,2-Tetrachloroethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
-	,2-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
	-Dichloroethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
	-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
	-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
	2,3-Trichlorobenzene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
	.,3-Trichloropropane	UM	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
	.,4-Trichlorobenzene	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	CS
	.,4-Trimethylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,2	-Dibromo-3-chloropropane	U	< 20.0	20	0	ug/L	8260B	7/14/10	CS
	-Dibromoethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
-	-Dichlorobenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,2	-Dichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,2	-Dichloropropane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
	,5-Trimethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N 1,3	-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,3	-Dichloropropane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,4	-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
	-Dichloropropane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
	Butanone	U	< 10.0	10	1.1	ug/L	8260B	7/14/10	cs
N 2-0	Chlorotoluene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
	lexanone	U	< 10.0	10	0.7	ug/L	8260B	7/14/10	CS
N 4-C	Chlorotoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Ace	etone	U	< 10.0	10	1.4	ug/L	8260B	7/14/10	cs
N Ber	nzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N Bro	mobenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Bro	mochloromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Bro	modichloromethane ्	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Bro	moform	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
	momethane	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N Car	bon Disulfide	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
	bon tetrachloride	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Chl	orobenzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N Chi	oroethane	U	< 5.0	5	0.5	ug/L	8260B	7/1 4/ 10	CS
N Chi	oroform	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Chi	oromethane	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	cs
N cis-	1,2-Dichloroethene	J	1.6	5	0.2	ug/L	8260B	7/14/10	cs
N cis-	1,3-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
	romochloromethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
	romomethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
	hlorodifluoromethane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
	ylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
	kachlorobutadiene	U	< 10.0	10	0.4	ug/L	8260B	7/14/10	cs
N Isop	propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs

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Client Proj Name: West Vermont St

Sample Description 4044WVERMONT-RW2-070710				mple # 104-09		mpled Date/Time 7 Jul. 10 15:10	<u>Received</u> 09 Jul. 10 10:5	i5
Analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
<u>Volatiles</u>		V. 5						
N m & p-Xylene	U	< 10.0	10	0.3	ug/L	8260B	7/14/10	cs
N Methylene Chloride	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Methyl-t-butyl ether	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Naphthalene	Ų	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N n-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N n-Propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N o-Xylene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N p-Isopropyltoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N sec-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Styrene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N tert-Butylbenzene	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N Tetrachloroethene	J	3.0	5	0.4	ug/L	8260B	7/14/10	CS
N Toluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N trans-1,2-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N trans-1,3-Dichloropropene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Trichloroethene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Trichlorofluoromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Vinyl Chloride	J	4.7	5	0.5	ug/L	8260B	7/14/10	cs
<u>RiskAnalysis</u>					•			
N Ethene	M	0.049	0.025	0.008	ug/L	AM20GAX	7/20/10	rw
<u>SemiVolatiles</u>								
N Acetic Acid	J	0.01	0.070	0.006	mg/L	AM23G	7/20/10	kb
N Butyric Acid	U	< 0.050	0.050	0.004	mg/L	AM23G	7/20/10	kb
N Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Pentanoic Acid	U	< 0.150	0.150	0.044	mg/L	AM23G	7/20/10	kb
N Lactic Acid	U	< 0.100	0.100	0.010	mg/L	AM23G	7/20/10	kb
N Pentanoic Acid	U	< 0.070	0.070	0.012	mg/L	AM23G	7/20/10	kb
N Propionic Acid	U	< 0.050	0.050	0.007	mg/L	AM23G	7/20/10	kb
N Pyruvic Acid	U	< 0.150	0.150	0.033	mg/L	AM23G	7/20/10	kb
					-	·.		

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Page: Page 21 of 30 Lab Proj #: P1007104 Report Date: 07/21/10

Client Proj Name: West Vermont St

Sample Description Matrix				Lab Sample #		mpled Date/Time	<u>Received</u>		
4140WVERMONT-RW3-070710		ater		104-10	0	7 Jul. 10 16:06	09 Jul. 10 10:55		
Analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву	
Volatiles			_			* * *			
N 1,1,1,2-Tetrachloroethane	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS	
N 1,1,1-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS	
N 1,1,2,2-Tetrachloroethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS	
N 1,1,2-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS	
N 1,1-Dichloroethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS	
N 1,1-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS	
N 1,1-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS	
N 1,2,3-Trichlorobenzene	Ų	< 5.0	5	0.5	ug/L	8260B	7/1 4/ 10	CS	
N 1,2,3-Trichloropropane	UM	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS	
N 1,2,4-Trichlorobenzene	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	CS	
N 1,2,4-Trimethylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs	
N 1,2-Dibromo-3-chloropropane	U	< 20.0	20	0	ug/L	8260B	7/14/10	cs	
N 1,2-Dibromoethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs	
N 1,2-Dichlorobenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs	
N 1,2-Dichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS	
N 1,2-Dichloropropane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS	
N 1,3,5-Trimethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs	
N 1,3-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs	
N 1,3-Dichloropropane	υ	< 5.0	5	0.3	ug/L	8260B	7/14/10	C\$	
N 1,4-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs	
N 2,2-Dichloropropane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS	
N 2-Butanone	U	< 10.0	10	1.1	ug/L	8260B	7/14/10	cs	
N 2-Chlorotoluene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs	
N 2-Hexanone	U	< 10.0	10	0.7	ug/L	8260B	7/14/10	cs	
N 4-Chlorotoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs	
N Acetone		50.0	10	1.4	ug/L	8260B	7/14/10	CS	
N Benzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs	
N Bromobenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs	
N Bromochloromethane	U	< 5.0 ·	5	0.2	ug/L	8260B	7/14/10	CS	
N Bromodichloromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs	
N Bromoform	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs	
N Bromomethane	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs	
N Carbon Disulfide	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs	
N Carbon tetrachloride	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs	
N Chlorobenzene	Ū	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs	
N Chloroethane	υ	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs	
N Chloroform	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS	
N Chloromethane	Ū	< 5.0	5	0.6	ug/L	8260B	7/14/10	cs	
N cis-1,2-Dichloroethene	Ū	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS	
N cis-1,3-Dichloropropene	Ū	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS	
N Dibromochloromethane	Ü	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS	
N Dibromomethane	Ü	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS	
N Dichlorodifluoromethane	ÚМ	< 5.0	5	0.4	ug/L	8260B	7/14/10		
N Ethylbenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS	
N Hexachlorobutadiene	Ŭ	< 10.0	10	0.4	ug/L ug/L	8260B	7/14/10	CS CS	
N Isopropylbenzene	Ü	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10	CS	
·· ·· ·· · · · · · · · · · · · · · · ·	J	- 0.0	J	٧.٨	ugrL	02000	11 1 4 7 10	CS	

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Page: Page 22 of 30 Lab Proj #: P1007104 Report Date: 07/21/10

Client Proj Name: West Vermont St

Sample Description Matrix 4140WVERMONT-RW3-070710 Water				<u>mple #</u> 104-10		mpled Date/Time 7 Jul. 10 16:06	<u>Received</u> 09 Jul. 10 10:5	5
Analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
Volatiles					******			
N m & p-Xylene	U	< 10.0	10	0.3	ug/L	8260B	7/14/10	cs
N Methylene Chloride	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Methyl-t-butyl ether	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Naphthalene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N n-Butylbenzene	υ	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N n-Propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N o-Xylene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N p-lsopropyltoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N sec-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Styrene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N tert-Butylbenzene	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N Tetrachloroethene	J	2.2	5	0.4	ug/L	8260B	7/14/10	cs
N Toluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N trans-1,2-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N trans-1,3-Dichloropropene	υ	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Trichloroethene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Trichlorofluoromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Vinyl Chloride	J	2.1	5	0.5	ug/L	8260B	7/14/10	cs
RiskAnalysis					Ü			
N Ethene	М	0.034	0.025	0.008	ug/L	AM20GAX	7/20/10	rw
<u>SemiVolatiles</u>					Ŭ			
N Acetic Acid	U	< 0.070	0.070	0.006	mg/L	AM23G	7/20/10	kb
N Butyric Acid	U	< 0.050	0.050	0.004	mg/L	AM23G	7/20/10	kb
N Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Pentanoic Acid	U	< 0.150	0.150	0.044	mg/L	AM23G	7/20/10	kb
N Lactic Acid	U	< 0.100	0.100	0.010	mg/L	AM23G	7/20/10	kb
N Pentanoic Acid	U	< 0.070	0.070	0.012	mg/L	AM23G	7/20/10	kb
N Propionic Acid .	U	< 0.050	0.050	0.007	mg/L	AM23G	7/20/10	kb
N Pyruvic Acid	U	< 0.150	0.150	0.033	mg/L	AM23G	7/20/10	kb

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Page: Page 23 of 30 Lab Proj #: P1007104 Report Date: 07/21/10

Client Proj Name: West Vermont St

	Sample Description		<u>Matrix</u>		Lab Sample #		mpled Date/Time	Received	
4	018WVERMONT-RW4-070710	Wa	ater	P1007	104-11	0	7 Jul. 10 18:10	09 Jul. 10 10:5	5
_	nalyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
	olatiles			_					
	1,1,1,2-Tetrachloroethane	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
N		U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N	• • • • • • • • • • • • • • • • • • • •	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N	• •	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N	•	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N	•	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N		U	< 5.0	. 5	0.2	ug/L	8260B	7/14/10	CS
N		U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N	· · · · · · · · · · · · · · · · · · ·	UM	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N	• • • • • • • • • • • • • • • • • • • •	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	CS
N	* * *	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N		U	< 20.0	20	0	ug/L	8260B	7/14/10	cs
N	•	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
Ν	· • · - · - · · - · - · - ·	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
Ν	1,2-Dichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N	1,2-Dichloropropane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N	1,3,5-Trimethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
Ν	1,3-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
Ν	1,3-Dichloropropane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
Ν	1,4-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
Ν	2,2-Dichloropropane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N	2-Butanone	U	< 10.0	10	1.1	ug/L	8260B	7/14/10	cs
N	2-Chlorotoluene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
Ν	2-Hexanone	U	< 10.0	10	0.7	ug/L	8260B	7/14/10	cs
Ν	4-Chlorotoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
Ν	Acetone	U	< 10.0	10	1.4	ug/L	8260B	7/14/10	CS
N	Benzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N	Bromobenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N	Bromochloromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
Ν	Bromodichloromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N	Bromoform	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
Ν	Bromomethane	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N	Carbon Disulfide	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
Ν	Carbon tetrachloride	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
Ν	Chlorobenzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
Ν		Ū	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
Ν		υ	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N		Ū	< 5.0	5	0.6	ug/L	8260B	7/14/10	CS
N		Ū	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N	'	Ū	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N		Ü	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N		Ü	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N		UM	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10	CS
N	"	U	< 5.0	5	0.2	ug/L ug/L	8260B	7/14/10	CS
N		Ü	< 10.0	10	0.4	ug/L ug/L	8260B	7/14/10	
N	Isopropylbenzene	Ŭ	< 5.0	5	0.4	ug/L ug/L	8260B	7/14/10	CS
, •		0	- 0.0	Ü	0.2	ug/L	0200 D	1117110	cs

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Client Proj Name: West Vermont St

Sample Description 4018WVERMONT-RW4-070710 Analyte(s)		Matrix Water Flag Result		<u>Lab Sample #</u> P1007104-11		mpled Date/Time 7 Jul. 10 18:10	<u>Received</u> 09 Jul. 10 10:55	
				PQL MDL		Method #	Analysis Date	
Volatiles								
N m & p-Xylene	U	< 10.0	10	0.3	ug/L	8260B	7/14/10	CS
N Methylene Chloride	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Methyl-t-butyl ether	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Naphthalene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N n-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N n-Propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N o-Xylene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N p-lsópropyltoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N sec-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Styrene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N tert-Butylbenzene	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N Tetrachloroethene	J	2.0	5	0.4	ug/L	8260B	7/14/10	cs
N Toluene	Ų	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N trans-1,2-Dichloroethene	υ	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N trans-1,3-Dichloropropene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Trichloroethene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Trichlorofluoromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Vinyl Chloride	J	1.6	5	0.5	ug/L	8260B	7/14/10	CS
RiskAnalysis								
N Ethene	JM	0.021	0.025	0.008	ug/L	AM20GAX	7/20/10	rw
<u>SemiVolatiles</u>					J			
N Acetic Acid	J	0.023	0.070	0.006	mg/L	AM23G	7/20/10	kb
N Butyric Acid	U	< 0.050	0.050	0.004	mg/L	AM23G	7/20/10	kb
N Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Pentanoic Acid	U	< 0.150	0.150	0.044	mg/L	AM23G	7/20/10	kb
N Lactic Acid	U	< 0.100	0.100	0.010	mg/L	AM23G	7/20/10	kb
N Pentanoic Acid	υ	< 0.070	0.070	0.012	mg/L	AM23G	7/20/10	kb
N Propionic Acid	U	< 0.050	0.050	0.007	mg/L	AM23G	7/20/10	kb
N Pyruvic Acid	U	< 0.150	0.150	0.033	mg/L	AM23G	7/20/10	kb

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Page: Page 25 of 30 Lab Proj #: P1007104 Report Date: 07/21/10

Client Proj Name: West Vermont St

	Sample Description Matrix		<u>Lab Sample #</u> P1007104-12			mpled Date/Time	<u>Received</u> 09 Jul. 10 10:55		
4018VERMONT-RWD-070710		Water			0.	7 Jul. 10 18:10			
_	Analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
	<u>/olatiles</u>		. = 0	_		41			
	1,1,1,2-Tetrachloroethane	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
	1 1,1,1-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
Ņ		Ü	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N	• •	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N	,	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N	,	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N		Ŭ	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N		U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
V		UM	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N		U	< 5.0	5	0.6	ug/L	8260B	7/14/10	CS
N	• •	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N		U	< 20.0	20	0	ug/L	8260B	7/14/10	CS
N	•	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N	• • • • • • • • • • • • • • • • • • • •	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N	•	U	< 5.0	5	0.4	ug/L	8260B	7/1 4/ 10	CS
N	,	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
	1,3,5-Trimethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N	1,3-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N		U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N	•••	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N		UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N		υ	< 10.0	10	1.1	ug/L	8260B	7/14/10	CS
N		U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N		U	< 10.0	10	0.7	ug/L	8260B	7/14/10	CS
N		Ų	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N		Ų	< 10.0	10	1.4	ug/L	8260B	7/14/10	CS
N		U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
N		U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N		U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N		U	< 5.0	5 .	0.2	ug/L	8260B	7/14/10	cs
N		υ	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N		U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N	Carbon Disulfide	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N		U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N	Chlorobenzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
N		U	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N		U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N	Chloromethane	U	< 5.0	5	0.6	u g/L	8260B	7/14/10	cs
N	•	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
	cis-1,3-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
Ν	Dibromochloromethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
	Dibromomethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
	Dichlorodifluoromethane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
	Ethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
	Hexachlorobutadiene	U	< 10.0	10	0.4	ug/L	8260B	7/14/10	cs
Ν	Isopropylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs

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Client Proj Name: West Vermont St

Sample Description 4018VERMONT-RWD-070710			<u>Lab Sample #</u> P1007104-12			mpled Date/Time 7 Jul. 10 18:10	<u>Received</u> 09 Jul. 10 10:55	
Analyte(s)	Fla	g Result	PQL	MDL	Units	Method #	Analysis Date	Ву
<u>Volatiles</u>					•			
N m & p-Xylene	U	< 10.0	10	0.3	ug/L	8260B	7/14/10	cs
N Methylene Chloride	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Methyl-t-butyl ether	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Naphthalene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N n-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N n-Propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N o-Xylene	U	< 5.0	5	0.2	_ ug/L	8260B	7/14/10	C\$
N p-lsopropyltoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N sec-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Styrene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N tert-Butylbenzene	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N Tetrachloroethene	J	1.9	5	0.4	ug/L	8260B	7/14/10	cs
N Toluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N trans-1,2-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N trans-1,3-Dichloropropene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Trichloroethene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Trichlorofluoromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Vinyl Chloride	J	1.1	5	0.5	ug/L	8260B	7/14/10	cs
RiskAnalysis					•			
N Ethene	JM	0.020	0.025	800.0	ug/L	AM20GAX	7/20/10	rw
<u>SemiVolatiles</u>								
N Acetic Acid	U	< 0.070	0.070	0.006	mg/L	AM23G	7/20/10	kb
N Butyric Acid	U	< 0.050	0.050	0.004	mg/L	AM23G	7/20/10	kb
N Hexanoic Acid	Ų	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Pentanoic Acid	U	< 0.150	0.150	0.044	mg/L	AM23G	7/20/10	kb
N Lactic Acid	U	< 0.100	0.100	0.010	mg/L	AM23G	7/20/10	kb
N Pentanoic Acid	U	< 0.070	0.070	0.012	mg/L	AM23G	7/20/10	kb
N Propionic Acid	U	< 0.050	0.050	0.007	mg/L	AM23G	7/20/10	kb
N Pyruvic Acid	U	< 0.150	0.150	0.033	mg/L	AM23G	7/20/10	kb
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Client Proj Name: West Vermont St

Sample Description 4042WVERMONT-RW5-070710 Analyte(s)			Matrix Water Flag Result		<u>Lab Sample #</u> P1007104-13		npled Date/Time 7 Jul. 10 17:30	<u>Received</u> 09 Jul. 10 10:55	
					MDL	Units	Method #	Analysis Date	Ву
<u>Volatiles</u>									
	etrachloroethane	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
	hloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N 1,1,2,2-Te	etrachloroethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
	hloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,1-Dichlo		U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,1-Dichlo		U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,1-Dichlo	propropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,2,3-Tric	hlorobenzene	Ų	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N 1,2,3-Tric	hloropropane	ŲМ	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N 1,2,4-Tric	nlorobenzene	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	cs
N 1,2,4-Trim	iethylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,2-Dibror	no-3-chloropropane	U	< 20.0	20	0	ug/L	8260B	7/14/10	cs
N 1,2-Dibror	noethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 1,2-Dichlo	robenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,2-Dichlo	roethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,2-Dichlo	ropropane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,3,5-Trim	ethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N 1,3-Dichlo	robenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 1,3-Dichlo	ropropane	Ų	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N 1,4-Dichlo	robenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 2,2-Dichlo	ropropane	ŲМ	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N 2-Butanor	ie .	U	< 10.0	10	1.1	ug/L	8260B	7/14/10	cs
N 2-Chloroto	oluene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N 2-Hexanor	ne	U	< 10.0	10	0.7	ug/L	8260B	7/14/10	cs
N 4-Chloroto	luene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Acetone		U	< 10.0	10	1.4	ug/L	8260B	7/14/10	cs
N Benzene		U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N Bromoben	zene	υ	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Bromochlo	promethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Bromodich	nloromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Bromoforn	n	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N Bromomei	hane	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	CS
N Carbon Di	sulfide	Ü	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N Carbon tet	trachloride	Ü	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Chloroben	zene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
N Chloroetha	ane	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N Chloroforn	n	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Chloromet	hane	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	cs
N cis-1,2-Did	chloroethene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N cis-1,3-Did	chloropropene	Ü	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
	loromethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Dibromom		υ	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
	fluoromethane	ŪМ	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N Ethylbenze		U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
	obutadiene	Ū	< 10.0	10	0.4	ug/L	8260B	7/14/10	cs
N Isopropylb		Ū	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
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Client Proj Name: West Vermont St

Sample Description 4042WVERMONT-RW5-070710	Matrix Water Flag Result		<u>Lab Sample #</u> P1007104-13 PQL MDL			mpled Date/Time 7 Jul. 10 17:30	<u>Received</u> 09 Jul. 10 10:55	
Analyte(s)					Units	Method #	Analysis Date By	
Volatiles					-			
N m & p-Xylene	U	< 10.0	10	0.3	ug/L	8260B	7/14/10	CS
N Methylene Chloride	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Methyl-t-butyl ether	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Naphthalene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N n-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N n-Propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N o-Xylene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N p-isopropyitoluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N sec-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Styrene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N tert-Butylbenzene	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N Tetrachloroethene	J	1.7	5	0.4	ug/L	8260B	7/14/10	cs
N Toluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	C\$
N trans-1,2-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N trans-1,3-Dichloropropene	Ų	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Trichloroethene	Ų	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Trichlorofluoromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Vinyl Chloride	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
RiskAnalysis					Ū			
N Ethene	JM	0.024	0.025	0.008	ug/L	AM20GAX	7/20/10	ΓW
<u>SemiVolatiles</u>					•			
N Acetic Acid	J	0.014	0.070	0.006	mg/L	AM23G	7/20/10	kb
N Butyric Acid	U	< 0.050	0.050	0.004	mg/L	AM23G	7/20/10	kb
N Hexanoic Acid	Ų	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Pentanoic Acid	U	< 0.150	0.150	0.044	mg/L	AM23G	7/20/10	kb
N Lactic Acid	U	< 0.100	0.100	0.010	mg/L	AM23G	7/20/10	kb
N Pentanoic Acid	U	< 0.070	0.070	0.012	mg/L	AM23G	7/20/10	kb
N Propionic Acid	U	< 0.050	0.050	0.007	mg/L	AM23G	7/20/10	kb
N Pyruvic Acid	U	< 0.150	0.150	0.033	mg/L	AM23G	7/20/10	kb

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Client Proj Name: West Vermont St

				mple # 104-14		mpled Date/Time 7 Jul. 10 18:30	<u>Received</u> 09 Jul. 10 10:55		
Analyte(s)		Flag Result		PQL	MDL	Units Method #		Analysis Date By	
-	olatiles		<u>g. 100 u</u>			- Cilito	IIIotiiod II	7 maryolo Date	
	1,1,1,2-Tetrachloroethane	Ų	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N	1,1,1-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N	1,1,2,2-Tetrachloroethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
Ν	1,1,2-Trichloroethane	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N	1,1-Dichloroethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N	1,1-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N	1,1-Dichloropropene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
Ν	1,2,3-Trichlorobenzene	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
Ν	1,2,3-Trichloropropane	UM	< 5.0	5	0.5	ug/L	8260B	7/14/10	CS
N	1,2,4-Trichlorobenzene	U	< 5.0	5	0.6	ug/L	8260B	7/14/10	cs
N	1,2,4-Trimethylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
Ν	1,2-Dibromo-3-chloropropane	U	< 20.0	20	0	ug/L	8260B	7/14/10	cs
Ν	1,2-Dibromoethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N	1,2-Dichlorobenzene	υ	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
Ν	1,2-Dichloroethane	IJ	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
Ν	1,2-Dichloropropane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
Ν	1,3,5-Trimethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N	1,3-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
Ν	1,3-Dichloropropane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
Ν	1,4-Dichlorobenzene	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	CS
N	2,2-Dichloropropane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
N	2-Butanone	U	< 10.0	10	1.1	ug/L	8260B	7/14/10	CS
Ν	2-Chlorotoluene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
Ν	2-Hexanone	U	< 10.0	10	0.7	ug/L	8260B	7/14/10	CS
N	4-Chlorotoluene	υ	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
Ν	Acetone	U	< 10.0	10	1.4	ug/L	8260B	7/14/10	cs
Ν	Benzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	CS
Ν	Bromobenzene	U	< 5.0	5	0.3	ug/L .	8260B	7/14/10	cs
N	Bromochloromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N	Bromodichloromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
Ν	Bromoform	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
Ν	Bromomethane	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
Ν	Carbon Disulfide	U	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
Ν	Carbon tetrachloride	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
Ν	Chlorobenzene	U	< 5.0	5	0.1	ug/L	8260B	7/14/10	cs
N	Chloroethane	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
N	Chloroform	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
Ν	Chloromethane	υ	< 5.0	5	0.6	ug/L	8260B	7/14/10	CS
Ν	cis-1,2-Dichloroethene	Ų	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
Ν	cis-1,3-Dichloropropene	Ų	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
Ν	Dibromochloromethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
Ν	Dibromomethane	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
Ν	Dichlorodifluoromethane	UM	< 5.0	5	0.4	ug/L	8260B	7/14/10	cs
Ν	Ethylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N	Hexachlorobutadiene	U	< 10.0	10	0.4	ug/L	8260B	7/14/10	CS
Ν	Isopropylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs

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Client Proj Name: West Vermont St

Sample Description 4031COSSELL-RW6-070710	<u>Matrix</u> Water		<u>Lab Sample #</u> P1007104-14			npled Date/Time 7 Jul. 10 18:30	<u>Received</u> 09 Jul. 10 10:55	
Analyte(s)		Flag Result		PQL MDL		Method #	Analysis Date	Ву
<u>Volatiles</u>								
N m & p-Xylene	U	< 10.0	10	0.3	ug/L	8260B	7/14/10	CS
N Methylene Chloride	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	CS
N Methyl-t-butyl ether	U	< 5.0	5	0.2	ug/L	8260B	7/1 4 /10	CS
N Naphthalene	Ų	< 5.0	5	0.5	ug/L	8260B	7/14/10	C\$
N n-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N n-Propylbenzene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N o-Xylene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N p-Isopropyltoluene	U	< 5.0	5	0.2	ug/L	8260B	7/1 4/ 10	cs
N sec-Butylbenzene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Styrene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N tert-Butylbenzene	U	< 5.0	5	1.3	ug/L	8260B	7/14/10	cs
N Tetrachloroethene	J	1.5	5	0.4	ug/L	8260B	7/14/10	cs
N Toluene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N trans-1,2-Dichloroethene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N trans-1,3-Dichloropropene	U	< 5.0	5	0.3	ug/L	8260B	7/14/10	cs
N Trichloroethene	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	cs
N Trichlorofluoromethane	U	< 5.0	5	0.2	ug/L	8260B	7/14/10	CS
N Vinyl Chloride	U	< 5.0	5	0.5	ug/L	8260B	7/14/10	cs
RiskAnalysis	_		_		-3			
N Ethene	JM	0.009	0.025	0.008	ug/L	AM20GAX	7/20/10	rw
SemiVolatiles					- 3. –			
N Acetic Acid		0.120	0.070	0.006	mg/L	AM23G	7/20/10	kb
N Butyric Acid	U	< 0.050	0.050	0.004	mg/L	AM23G	7/20/10	kb
N Hexanoic Acid		0.140	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Hexanoic Acid	U	< 0.050	0.050	0.006	mg/L	AM23G	7/20/10	kb
N i-Pentanoic Acid	U	< 0.150	0.150	0.044	mg/L	AM23G	7/20/10	kb
N Lactic Acid	-	0.230	0.100	0.010	mg/L	AM23G	7/20/10	kb
N Pentanoic Acid	U	< 0.070	0.070	0.012	mg/L	AM23G	7/20/10	kb
N Propionic Acid	Ū	< 0.050	0.050	0.007	mg/L	AM23G	7/20/10	kb
N Pyruvic Acid	Ü	< 0.150	0.150	0.033	mg/L	AM23G	7/20/10	. kb
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